



### Hawaiian Haze

Sample ID: G1D0319-04

Matrix: Industrial Hemp

Test ID: 5013930

Source ID:

Date Sampled: 04/14/21

Date Accepted: 04/14/21

Farm 96

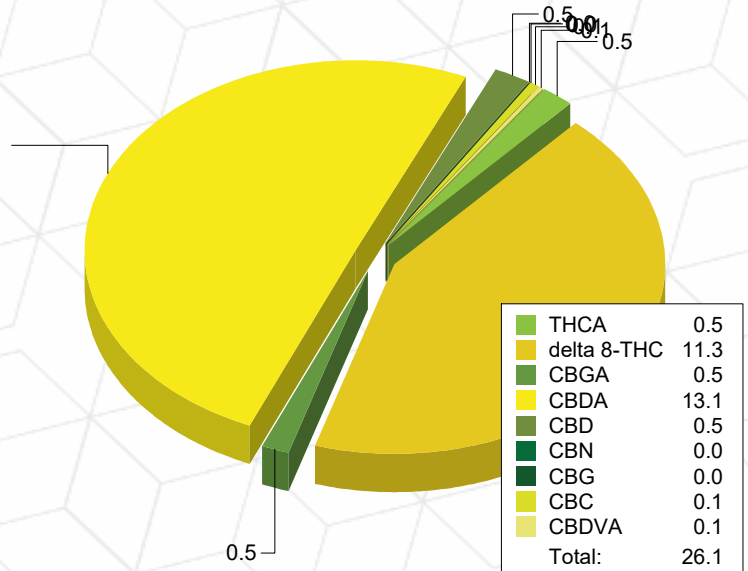
### Potency Analysis

Date/Time Extracted: 04/18/21 09:15

Analysis Method/SOP: 215

Batch Identification: 2117002

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.009080	0.4380	4.38	
Total CBD	0.008300	12.04	120.4	
Total CBG	7.900E-4	0.4277	4.277	
THCA	0.002920	0.4994	4.994	
delta 9-THC	0.009080	< LOQ	< LOQ	
delta 8-THC	0.01796	11.25	112.5	
THCV	0.005055	< LOQ	< LOQ	
THCVA	0.001885	< LOQ	< LOQ	
CBD	0.006220	0.5211	5.211	
CBDA	0.008300	13.14	131.4	
CBDV	0.005000	< LOQ	< LOQ	
CBDVA	0.001640	0.06250	0.625	
CBN	0.002990	0.03388	0.3388	
CBG	7.900E-4	0.01153	0.1153	
CBGA	7.900E-4	0.4740	4.74	
CBC	0.008965	0.1403	1.403	



Total THC = delta 9-THC + (THCA \* 0.877)

Total CBD = CBD + (CBDA \* 0.877)

Total CBG = CBG + (CBGA \* 0.878)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



*Brittany Wiemer*

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Quality Officer - 4/21/2021



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### Quality Control Potency

Batch: 2117002 - 215-Hemp

#### Blank(2117002-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.01168	%		04/18/21 09:15	04/18/21 12:00	
delta 9-THC	< LOQ	0.03632	%		04/18/21 09:15	04/18/21 12:00	
delta 8-THC	< LOQ	0.01796	%		04/18/21 09:15	04/18/21 12:00	
THCV	< LOQ	0.02022	%		04/18/21 09:15	04/18/21 12:00	
THCVA	< LOQ	0.007540	%		04/18/21 09:15	04/18/21 12:00	
CBD	< LOQ	0.006220	%		04/18/21 09:15	04/18/21 12:00	
CBDA	< LOQ	0.008300	%		04/18/21 09:15	04/18/21 12:00	
CBDV	< LOQ	0.02000	%		04/18/21 09:15	04/18/21 12:00	
CBDVA	< LOQ	0.006560	%		04/18/21 09:15	04/18/21 12:00	
CBN	< LOQ	0.01196	%		04/18/21 09:15	04/18/21 12:00	
CBG	< LOQ	0.003160	%		04/18/21 09:15	04/18/21 12:00	
CBGA	< LOQ	0.003160	%		04/18/21 09:15	04/18/21 12:00	
CBC	< LOQ	0.03586	%		04/18/21 09:15	04/18/21 12:00	

#### Reference(2117002-SRM1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	105	0.002920	%	80-120	04/18/21 09:15	04/18/21 12:22	
delta 9-THC	102	0.009080	%	80-120	04/18/21 09:15	04/18/21 12:22	
CBD	108	0.001555	%	80-120	04/18/21 09:15	04/18/21 12:22	
CBDA	107	0.002075	%	80-120	04/18/21 09:15	04/18/21 12:22	



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### Notes and Definitions

- ATM Non-cannabis matrix related interference or suppression of Internal standard
- BLI Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery .
- BLK Analyte detected in method blank, but not associated samples.
- BSH Blank Spike High - Blank Spike recovery above method limit. no detections in samples.
- BSL Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- C Interference due to co-elution
- CBD Interference due to co-elution
- CV1 CBD matrix interference on GC Pest chromatography
- CV2 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
- INF CCV was below acceptance criteria, sample still exceeds regulatory limit.
- ISH One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
- ISL Internal Standard concentration is above acceptance criteria.
- MSH Internal Standard concentration is below acceptance criteria.
- MSI Matrix Spike High - Matrix Spike recovery above method limits.
- MSL Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike.
- TPP
- U Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.  
Internal Standard concentration outside control limit due to matrix interference



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